

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	37	(mr or DOMR or mre or magneto adj resist\$5 or magnetoresist\$5 or amr or magnetic\$4 adj resist\$5 or gmr\$1 or spin adj valve\$1 or svmr\$1 or tjmr\$1 or tmj\$1 or tnr or mram or magnetic adj memory or magnetic adj random adj access adj memory or DSV or TJM or macro adj magnetoresist\$5 or macromagnetoresist\$5) with ((lap\$4 with guide) or elg or rlg)	JPO; DERWENT	OR	ON	2006/08/07 07:54
L2	17	lapping constants	IBM_TDB	AND	ON	2006/08/07 07:53
L3	74	(360/316).CCLS.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/08/07 07:53
L4	127	(mr or DOMR or mre or magneto adj resist\$5 or magnetoresist\$5 or amr or magnetic\$4 adj resist\$5 or gmr\$1 or spin adj valve\$1 or svmr\$1 or tjmr\$1 or tmj\$1 or tnr or mram or magnetic adj memory or magnetic adj random adj access adj memory or DSV or TJM or macro adj magnetoresist\$5 or macromagnetoresist\$5) with ((lap\$4 with guide) or elg or rlg)	US-PGPUB; USPAT	OR	ON	2006/08/07 07:58
L5	56	(shield and (mr magnetoresist\$5 magneto adj resist\$5) and upper and lower and first and second and (consisting "not")).clm.	US-PGPUB; USPAT; USOCR	OR	ON	2006/08/07 08:22
L6	0	(shield and (mr magnetoresist\$5 magneto adj resist\$5) and electrode and slider and lap\$4 and upper and lower and first and second and (consisting "not")).clm.	US-PGPUB; USPAT; USOCR	OR	ON	2006/08/07 08:23
L7	0	(shield and (mr magnetoresist\$5 magneto adj resist\$5) and slider and lap\$4 and upper and lower and first and second and (consisting "not")).clm.	US-PGPUB; USPAT; USOCR	OR	ON	2006/08/07 08:24
L8	3	(shield and (mr magnetoresist\$5 magneto adj resist\$5) and slider and lap\$4 and upper and lower and first and second).clm.	US-PGPUB; USPAT; USOCR	OR	ON	2006/08/07 08:24
S1	3	((("4523243") or ("5210667") or ("6477009")).PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/03/10 14:34
S2	28	("3813692"   "4065797"   "4277808"   "4413296"   "4439671").PN. OR ("4523243").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2005/08/29 15:09

## EAST Search History

S3	35	("4458279"   "4511942"   "4523243"   "4675986"   "4689877"   "4739562"   "4914868").PN. OR ("5210667").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2005/08/30 08:13
S4	1	("6,928,433").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/03/12 12:36
S5	12	("4523243" "5210667" "5218498" "5798890" "5963401" "6034849" "6046871" "6193584" "6330488" "6385012" "6477009" "6671134").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/03/10 14:34
S6	36	("4458279"   "4511942"   "4523243"   "4675986"   "4689877"   "4739562"   "4914868").PN. OR ("5210667").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/03/10 14:50
S7	28	(mr or DOMR or mre or magneto adj resist\$5 or magnetoresist\$5 or amr or magnetic\$4 adj resist\$5 or gmr\$1 or spin adj valve\$1 or svmr\$1 or tjmr\$1 or tmj\$1 or tmr or mram or magnetic adj memory or magnetic adj random adj access adj memory or DSV or TJM or macro adj magnetoresist\$5 or macromagnetoresist\$5) with lap\$4 with guide	JPO; DERWENT	OR	ON	2006/03/10 15:04
S8	35	(mr or DOMR or mre or magneto adj resist\$5 or magnetoresist\$5 or amr or magnetic\$4 adj resist\$5 or gmr\$1 or spin adj valve\$1 or svmr\$1 or tjmr\$1 or tmj\$1 or tmr or mram or magnetic adj memory or magnetic adj random adj access adj memory or DSV or TJM or macro adj magnetoresist\$5 or macromagnetoresist\$5) with ((lap\$4 with guide) or elg or rlg)	JPO; DERWENT	OR	ON	2006/03/10 15:05
S9	0	S8 not S7	US-PGPUB; USPAT; USOCR	OR	ON	2006/03/10 15:05
S10	7	S8 not S7	JPO; DERWENT	OR	ON	2006/03/10 15:08
S11	1	("6760197").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/03/10 15:08

## EAST Search History

S12	33	("3821815"   "3903653"   "4433510"   "4816947"   "5065483"   "5175938"   "5333413"   "5378885"   "5381291"   "5463805"   "5494473"   "5559429"   "5588199"   "5669133"   "5742995"   "5772493"   "5973334"   "5996213"   "5997381"   "6003361"   "6007405"   "6083081"   "6093083"   "6111406"   "6117569"   "6127053"   "6128423"   "6193584"   "6210259"   "6219205"   "6317302").PN. OR ("6760197"). URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/03/10 15:12
S13	11	"60043215".pn."60202513".pn. "10105908".pn."11273016".pn. "2000067408".pn.	JPO; DERWENT	OR	ON	2006/03/10 15:15
S14	6671	lapping constants	IBM_TDB	OR	ON	2006/03/10 15:16
S15	17	lapping constants	IBM_TDB	AND	ON	2006/03/12 10:54
S16	1	("6760197").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/03/12 10:54
S17	12	("4523243" "5210667" "5218498" "57 98890" "5963401" "6034849" "604687 1" "6193584" "6330488" "6385012" " 6477009" "6671134").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/03/12 12:36